

IDR RID Report

Date Last Modified 12/7/95

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Document Subscription Service

RID ID IDR 6

Review IDR

Originator Ref

Priority 1

Section

Page

Figure Table

Category Name Data Server (DSS) Design

Actionee ECS

Sub Category Infrastructure

Subject Lack of definition of Subscription Service

Description of Problem or Suggestion:

The subscription service has been repeatedly used as a catch-all mechanism for event-driven communications. Yet there is apparently no design or even detailed requirements for the system. This is a critical system that needs to be defined prior to CDR in order to account for system interdependencies.

Originator's Recommendation

Prepare and publish specification for review well prior to CDR. Include architecture, design criteria, performance criteria.

GSFC Response by:

GSFC Response Date

HAIS Response by: David Turanski

HAIS Schedule 11/15/95

HAIS R. E. David Turanski

HAIS Response Date 12/4/95

ECS will form a cross-subsystem Design Issue Team (DIT) to address the expected usage and characteristics of subscriptions. The DIT will include representatives from CSS, IOS, CLS, DSS, and PLS. The DIT will identify all use cases for subscriptions in ECS, and estimate sizing and performance requirements. Once this analysis is complete, the subsystem detailed design can incorporate specializations of the subscription mechanism. The analysis and the detailed design will be completed prior to the sub-panel ECS Infrastructure review, currently planned for early February, 1996.

Status Closed

Date Closed 12/7/95

Sponsor Kobler

***** Attachment if any *****